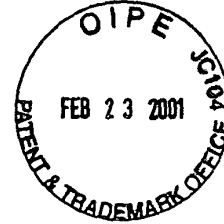


SEQUENCE LISTING

<110> Lappegard, Kathryn K.
 Abbitt, Shane E.
 Martino-Catt, Susan J.
 Shi, Jinrui
 Gordon-Kamm, William J.
 Lowe, Keith S.



<120> Seed-Preferred Regulatory Elements and
 Uses Thereof

<130> 1189

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<141> 2000-11-22

<160> 19

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<210> 1

<211> 1247

<212> DNA

<213> Zea maize

<220>

<221> promoter

<222> (1)...(1247)

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 180
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 240
 ctattgttga ctttaataca tactaaatcc aagatattag tagagatgtt agtatagatt
 300
 aaggtgatgt ttgaatgcac tagagctaag agtttagtag taaaattagt tggagacatt
 360
 caaacaccct atcaattatt agttattttt agtaaattag ttaatagtta gttagttatt
 420
 tataagctag ctttttttac tagcaatttt ttagccaact aacaattagt tttagtgtat
 480
 tcaaataccc ctaagccgtt aagtgatgct ctttctagaa tcttaaccgt atgtggagac
 540
 aacattttca taggtgtact gtttaagtca ccgtcagtga taataatatt ttcacatgag
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 660
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 720
 attcctacta gcccctagct tgcactggcg acataaaaaa cgtcagtga aatagctcta
 780
 ggatcgtcac tatagagctt ctatgtactt agtgggttaga actgatattg tagtgcacca
 840
 agtgccgatt ttaattaaac caatactaaa tactagtaaa taatactagt ggtctgaatt
 900

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960
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cggaggacac gtgttggtg accggacagt tggccgatca gacagtggac agaccggaca
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1247

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<220>
<223> Jipl forward primer

<400> 2
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<210> 3
<211> 27
<212> DNA
<213> Artificial Sequence

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<221> primer_bind
<222> (1)...(27)
<223> Jipl nested forward primer

<400> 3
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<210> 4
<211> 752
<212> DNA
<213> Zea mays

<220>
<221> promoter
<222> (1)...(752)

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 aatcgcatct accgcggtta gaagctctct ctctctccct ccgatccggt ggggtccatt
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 600
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 <212> DNA
 <213> Artificial Sequence

<220>
 <221> primer_bind
 <222> (1)...(30)
 <223> Milps3 forward primer

<400> 5
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<210> 6
 <211> 1433
 <212> DNA
 <213> Zea mays

<220>
 <221> promoter
 <222> (1)...(1433)

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 240
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 360
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 420
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 480
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 540
 caataatcaa ttgggggggt aaaattttta acatcctttc ggatctaate caacttatgg
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 aagttagcta gctctggctg cgctaacttc tgcgatcgc ctattagcta atactccatc
 660

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 720
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 780
 aagaacaaaa atatggttac gccttatatt ataagacgta gaaatcaatg gtttacaata
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 1320
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 1433

<210> 7
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> primer_bind
 <222> (1)...(20)
 <223> Lec 1 prom. forward probe

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<210> 8
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> primer_bind
 <222> (1)...(20)
 <223> Lec 1 prom. reverse probe

<400> 8
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<210> 9
 <211> 695
 <212> DNA
 <213> Zea mays

 <220>
 <221> terminator

<222> (1)...(695)

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gttccgctcc tagcacaatt atatcctctt tgatgatcgt ttaacgcaac agtcttctct
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ggaggtctag acctagcgga tcttttggtg tactcccttc tatacgtaca tgcatactac
420
acgtacgtac ggcgccggta cggcagctac atattcgtcg ttcgagtgtg atgcatgggt
480
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<210> 10

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<221> primer_bind

<222> (1)...(45)

<223> Lec1 term. forward primer

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<210> 11

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<221> primer_bind

<222> (1)...(36)

<223> Lec1 term. reverse primer

<400> 11

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<210> 12

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<221> primer_bind
<222> (1)...(29)
<223> Jipl forward nested primer

<400> 12
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<210> 13
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(26)
<223> Jipl reverse nested primer

<400> 13
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26

<210> 14
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(28)
<223> Milps3 nested forward primer

<400> 14
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<210> 15
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(37)
<223> Milps3 nested reverse primer

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<210> 16
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(29)
<223> Lec1 promoter forward nested primer

<400> 16

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<210> 17
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(49)
<223> Lec1 nested reverse primer

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<210> 18
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(45)
<223> Lec1 term. forward nested primer

<400> 18
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45

<210> 19
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<221> primer_bind
<222> (1)...(36)
<223> Lec1 term. reverse nested primer

<400> 19
gggccccgtg cggcaacaaa aatagacctg acctca
36

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